

IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT: 2814	<p>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97</p> <table border="1"><tr><td colspan="2">CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8</td></tr><tr><td colspan="2">DATE OF DEPOSIT: <u>1/9/04</u></td></tr><tr><td colspan="2">I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</td></tr><tr><td colspan="2"> Emily Mechan</td></tr></table>		CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8		DATE OF DEPOSIT: <u>1/9/04</u>		I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.		 Emily Mechan	
CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8										
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 Emily Mechan										
APPLICANT: Chien-Min Sung										
SERIAL NO.: 10/453,469										
FILED: 6/2/03										
CONFIRM. NO.: 2979										
FOR: CARBONACEOUS COMPOSITE HEAT SPREADER AND ASSOCIATED METHODS										
ATTORNEY DOCKET NO. 21154.CIP										

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

37 C.F.R. § 1.97 (b)(1) or (3), within three months of the filing date of the application, or before a first office action on the merits, whichever occurs last;

37 C.F.R. § 1.97 (c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by either 1) a statement in accordance with 37 C.F.R. § 1.97(e), or 2) the fee set forth in § 1.17(p); or

37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance, whichever occurs first, but on or before payment of the issue fee, and is accompanied by both 1) a statement in accordance with 37 C.F.R. § 1.97(e), and 2) the fee set forth in § 1.17(p).

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Information Disclosure Statement

Commissioner for Patents

Page 2

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is also enclosed.

For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

Dated this 9th day of January, 2004.

Respectfully submitted,



M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone: (801) 566-6633



MWW/JR/ESE/em

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154.CIP	SERIAL NO. 10/453,469
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Chien-Min Sung	
		FILING DATE 6/2/03	GROUP 2814

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A1						
A2						
A3						
A4						
A5						
A6						
A7						
A8						
A9						
A10						
A11						
A12						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
A13						
A14						
A15						
A16						
A17						

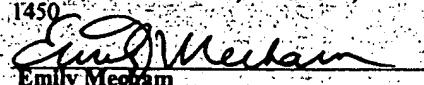
OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

A18	Horton, M. D., B. J. Pope and H. T. Hall, "Sintered Diamond," INTERNATIONAL INDUSTRIAL DIAMOND ASSOCIATION SYMPOSIUM, WASHINGTON, D. C. (1974).
A19	Pope, B. J., M. D. Horton, H. T. Hall, L. S. Bowman and H. Adaniya, "Sintered Diamond: Its Possible Use as a High Thermal Conductivity Semiconduction Device Substrate," PROC. 4TH INTERNATIONAL CONFERENCE ON HIGH PRESSURE (AIRAPT), Kyoto, Japan (1974).
A20	Hall, H. Tracy, "Sintered Diamonds," SCIENCE, Vol 169, August 28, 1970.

EXAMINER	DATE CONSIDERED

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IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT: 2811	INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97
APPLICANT: Chien-Min Sung	CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8
SERIAL NO.: 10/270,018	DATE OF DEPOSIT: 11/17/09
FILED: 10/11/02	I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
FOR: DIAMOND COMPOSITE HEAT SPREADER AND ASSOCIATED METHODS	 Emily Megham
ATTORNEY DOCKET NO. 21154	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

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Information Disclosure Statement

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Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

Dated this 8 day of January, 2004.

Respectfully submitted,



M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone: (801) 566-6633



MWW/ESE/ew

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154	SERIAL NO. 10/270,018
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT	Chien-Min Sung
		FILING DATE 10/11/02	GROUP 2811

U.S. PATENT DOCUMENTS

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	A13						
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	A15						

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IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT: 2814

EXAMINER:

APPLICANT: Chien-Min Sung, Tansui, Taiwan

SERIAL NO.: 10/453,469

FILED: 6/2/2003

CONFIRM. NO.: 2979

FOR: DIAMOND COMPOSITE HEAT SPREADER
AND METHOD OF USE

CERTIFICATE OF MAILING
UNDER 37 C.F.R. § 1.8

DATE OF DEPOSIT: 9-8-03

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SDM
Stana Bentz

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

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))
Information Disclosure Statement
Application No. 10/453,469
Page 2

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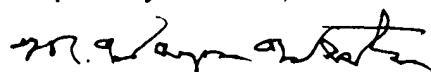
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The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100.

Dated this 8th day of September, 2003.

Respectfully submitted,



M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
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Sandy, Utah 84091-1219
Telephone: (801) 566-6633

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154.CIP	SERIAL NO. 10/453,469
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT	Chien-Min Sung, Tansui, Taiwan
		FILING DATE 06-02-03	GROUP 2814

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	2002/ 0023733 A1	02-28-02	Hall et al.			
AB	3,574,580	04-13-71	Stromberg et al.			
AC	3,678,995	07-25-72	Collard			
AD	3,828,848	08-13-74	Custers et al.			
AE	3,872,496	03-18-75	Potter			
AF	3,912,500	10-14-75	Vereschagin et al.			
AG	3,913,280	10-21-75	Hall			
AH	3,949,263	04-06-76	Harper			
AI	4,231,195	11-04-80	DeVries et al.			
AJ	4,576,224	03-18-86	Eaton et al.			
AK	4,649,992	03-17-87	Geen et al.			
AL	4,948,388	08-14-90	Ringwood			
AM	5,070,936	12-10-91	Carroll et al.			
AN	5,120,495	06-09-92	Supan et al.			
AO	5,130,771	07-14-92	Burnham et al.			
AP	5,382,314	01-17-95	Jin			
AQ	5,642,779	07-01-97	Yamamoto et al.			
AR	5,696,665	12-09-97	Nagy			
AS	5,719,441	02-17-98	Larimer			
AT	5,783,316	07-21-98	Colella et al.			
AU	5,786,075	07-28-98	Mishuku et al.			
AV	5,895,972	04-20-99	Paniccia			
AW	6,031,285	02-29-00	Nishibayashi			
AX	6,167,948 B1	01-02-01	Thomas			
AY	6,238,454 B1	05-29-01	Polese et al.			
AZ	6,264,882 B1	07-24-01	Colella et al.			
BA	6,335,863 B1	01-01-02	Yamamoto et al.			
BB	6,337,513 B1	01-08-02	Clevenger et al.			

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154.CIP	SERIAL NO. 10/453,469
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT	Chien-Min Sung, Tansui, Taiwan
		FILING DATE 06-02-03	GROUP 2814

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BC	6,361,857 B1	03-26-02	Saito et al.			
BD	6,390,181 B1	05-21-02	Hall et al.			
BE	6,448,642 B1	09-10-02	Bewley et al.			
BF	6,517,221 B1	02-11-03	Xie			
BG	6,538,892 B2	03-25-03	Smalc			

FOREIGN PATENT DOCUMENTS

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BH						
BI						
BJ						
BK						
BL						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

BM	
BN	
BO	

EXAMINER	DATE CONSIDERED

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sung, Chien-Min

SERIAL NO.: 10/270,018

FILED: 10/11/2002

CONFIRM. NO.: 3768

FOR: DIAMOND COMPOSITE
HEAT SPREADER AND
ASSOCIATED METHODS

ART UNIT: 2811

DOCKET NO.: 21154

CERTIFICATE OF DEPOSIT
UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, under 37 C.F.R. § 1.8 on the date indicated below and is addressed to Commissioner of Patents, Washington, D.C. 20231.

V. Montague
Signature

Mar. 11, 2003
Date of Deposit

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner of Patents
Washington, D.C. 20231

Sir:

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_____ 37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance,

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references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. §

1.56.

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Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

DATED this 11th day of Mar, 2003.

Respectfully submitted,



M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE NORTH & WESTERN, L.L.P.
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone (801) 566-6633

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MWW/DWO/vm

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PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 21154		SERIAL NO. 10/270,018	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Sung, Chien-Min			
				FILING DATE 10/11/2002		GROUP 2811	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002 0023733A1	Feb 28, 2002	Hall, et al.			
FOREIGN PATENT DOCUMENTS							
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	AU						
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U.S. PATENT APPLICATION NO. 10/270,018
DOCKET NO. 21154

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sung, Chien-Min

SERIAL NO.: 10/270,018

FILED: 10-11-02

CONFIRM. NO.: 3768

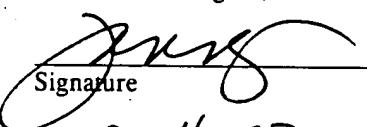
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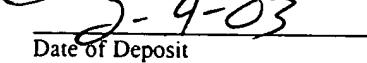
ART UNIT: 2811

DOCKET NO.: 21154

CERTIFICATE OF DEPOSIT
UNDER 37 C.F.R. § 1.8

I hereby certify that this
correspondence is being deposited
with the United States Postal
Service as First Class Mail, postage
prepaid, under 37 C.F.R. § 1.8 on
the date indicated below and is
addressed to Commissioner of
Patents, Washington, D.C. 20231.


Signature


Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner of Patents
Washington, D.C. 20231

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Assistant Commissioner of Patents

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Assistant Commissioner of Patents
Page 3

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DATED this 4th day of February, 2003.

Respectfully submitted,

M. Wayne Western

M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE, NORTH & WESTERN, L.L.P.
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone (801) 566-6633

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PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154	SERIAL NO. 10/270,018
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Sung, Chien-Min	
		FILING DATE 10-11-02	GROUP 2811

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,167,948	01-02-01	Thomas			
AB	5,382,314	01-17-95	Jin			
AC	5,786,075	07-28-98	Mishuku et al.			
AD	4,948,388	08-14-90	Ringwood			
AE	3,913,280	10-21-75	Hall			
AF	5,120,495	06-09-92	Supan et al.			
AG	6,264,882	07-24-01	Colella et al.			
AH	5,130,771	07-14-92	Burnham et al.			
AI	4,231,195	11-04-80	DeVries et al.			
AJ	3,574,580	04-13-71	Stromberg et al.			
AK	1,382,080	01-29-75	Vereschagin et al.			
AL	6,031,285	02-29-00	Nishibayashi			
AM	6,413,589	07-02-02	Li			
AN	4,649,992	03-17-87	Geen et al.			
AO	5,895,972	04-20-99	Paniccia			
AP	6,361,857	03-26-02	Saito et al.			
AQ	6,238,454	05-29-01	Polese et al.			
AR	6,448,642	09-10-02	Bewley et al.			
AS	5,719,441	02-17-98	Larimer			
AT	5,070,936	12-10-91	Carroll et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AU						
	AV						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

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AX		

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